

WS # 9646-16

Page ____ of ____

WASTE CODE ADDITION / DELETION:

~~Black~~ D009

CONSTITUENT ADDITION/DELETION:

[illegible]

OTHER:

UPDATE HMIS

HEALTH _____ FLAMMABLE _____ REACTIVE _____ PPE _____

SPECIAL HANDLING INFORMATION

APPROVAL

New Lab Sample Required? Yes ☐ No ☒

Operations Signature

Date

Environmental Signature

Date _____

Safety Signature

Date

Laboratory Signature

Date _____

Customer Signature

Date _____

Reason for Revision:

Hughes, Brent

From: May, Jim
Sent: Friday, March 01, 2013 2:17 PM
To: Hughes, Brent
Subject: FW: Sunoco boxes

Jim May
866-832-1869

From: Leonards, Mary Linn
Sent: Friday, March 01, 2013 1:37 PM
To: May, Jim
Subject: RE: Sunoco boxes

Judy Brackin specifically requested that it not be on there for reporting reasons.

From: May, Jim
Sent: Friday, March 01, 2013 1:36 PM
To: Leonards, Mary Linn
Subject: RE: Sunoco boxes

Do we really want to take the code off the profile? It doesn't affect anything by leaving it on and will prevent future problems if we do have another box with mercury.

Jim May
866-832-1869

From: Leonards, Mary Linn
Sent: Friday, March 01, 2013 1:34 PM
To: May, Jim
Subject: RE: Sunoco boxes

D009.

From: May, Jim
Sent: Friday, March 01, 2013 1:33 PM
To: Leonards, Mary Linn
Subject: RE: Sunoco boxes

D008 or D009?

Jim May
866-832-1869

From: Leonards, Mary Linn
Sent: Friday, March 01, 2013 1:31 PM
To: May, Jim
Subject: RE: Sunoco-boxes

Just don't forget that the D008 shouldn't be on the profile after these two boxes. It was temporary or we need to create a new profile.

Thanks for the heads up
ML

From: May, Jim
Sent: Friday, March 01, 2013 1:23 PM
To: Leonards, Mary Linn
Subject: RE: Sunoco boxes

Yes I spoke to him right after lunch. He was in meetings and with a customer all morning. He agreed we cannot pass on any charges since we didn't test for mercury. He told me to up the con range on the profile to trigger the test for future shipments.

Jim May
866-832-1869

From: Leonards, Mary Linn
Sent: Friday, March 01, 2013 1:17 PM
To: May, Jim
Subject: Sunoco boxes

You get to talk to Steve today?

Mary Linn Leonards
Corporate Account Manager
215.606.7880
Marylenn.leonards@heritage-enviro.com

WS # 96406-16

Page __1__ of __1__

WASTE CODE ADDITION / DELETION: D009

[illegible]

Higher mercury levels than historically observed for some of PES K-50 heat exchanger bundle sludge.

WASTE ANALYSIS DECISION

☐ Initial ☐ Renewal

APPROVAL SIGNATURES

Don Venturini
Laboratory - Print

Zambia Logero
Safety - Print

VINCENT WAGGLE
Environmental - Print

Stephen Lorch
Operations - Print

[Signature]
Sign

6/9/11
Date

[Signature]
Sign

6/9/11
Date

[Signature]
Sign

6/9/11
Date

[Signature]
Sign

6/9/11
Date

COMMENTS

Type Text

☐ Conditional Acceptance

Conditions for acceptance:

W334355

WASTE ANALYSIS RESULTS

Identification	Measured Value	Possible Waste Codes	Total Constituent Analysis	TCLP
A. ANIONS				
Bromide, PERCENT	<0.1			
Chloride, PERCENT	0.4			
Fluoride, PERCENT	<0.1			
Iodine, PERCENT	<0.1			
Sulfur, PERCENT	<0.1			
Sulfides, PPM	300			
Cyanides, PPM	<20			
B. METALS				
			SOLID Mg/Kg	LIQUID Mg/l
Antimony, PPM	<50			
Arsenic, PPM	<5	D004 ARSENIC	100	5.0
Barium, PPM	<50	D005 BARIUM	2000	100
Beryllium, PPM	<5			
Cadmium, PPM	1.7	D008 CADMIUM	20	1.0
Calcium, PPM	1239			
Calcium, PPM	3639			
Chromium, PPM	12	D007 CHROMIUM	100	5.0
Copper, PPM	<50			
Lead, PPM	6	D008 LEAD	100	5.0
Lithium, PPM	<50			
Mercury, PPM	<0.2	D009 MERCURY	4	0.2
Nickel, PPM	<50			
Phosphorous, PPM	1602			
Potassium, PPM	196			
Potassium, PPM	3413			
Selenium, PPM	<1	D010 SELENIUM	20	1.0
Silver, PPM	<5	D011 SILVER	100	5.0
Sodium, PPM	257			
Thallium, PPM	<10			
Zinc, PPM	96			
C. PHYSICAL PROPERTIES				
Flashpoint, DEGREES F	NA			
Btu/lb, BTU/LB	1600			
Water, PERCENT	88			
Viscosity, CENTIPOISE	NA			
Ash, PERCENT	6.5			
Density, G/ML	NA			
pH, STD. UNITS	NA			
Settleable Solids, PERCENT	NA			
PCB Total, PPM	NA			
Paint Filter	PAS			
D. REACTIVITY				
Water	NO			
Acid	NO			
Alkali	NO			
Oxidizers, PPM	<100			
E. FREONS				
Dichlorodifluoromethane				
Trichlorofluoromethane				

GENERATOR INFORMATION

Name: SUNOCO INCORPORATED REFINERY
Address (site): 3144 PASSYUNK AVENUE PHILADELPHIA, PA 19145 UNITED STATES
Address (mail): Same
US EPA ID: PAD049791098
Regulatory Status: LARGE QUANTITY
Technical Contact: JUDY BRACKIN **Phone:** (215)339-2143
Short Name: SRPP

WASTESTREAM INFORMATION - GENERAL

Common Name: PETROLEUM REFINERY HEAT EXCHANGER BUNDLE
Waste Class: 000 - GENERAL STORAGE
Generating Process: PETROLEUM REFINERY HEAT EXCHANGER BUNDLES
EPA Source Code: G19 - OTHER ONE-TIME OR INTERMITTENT PROCESSES
EPA Form Code: W319 - OTHER INORGANIC SOLIDS (SPECIFY IN COMMENTS)
Physical State @ 70F: SOLID
Odor: NONE
Estimated Annual Volume: 1000
Conditional Approval?: N

MANAGEMENT SYSTEM ASSIGNMENTS

<u>Product Code - Desc</u>	<u>Put Away Area</u>	<u>Cont Type</u>
8034 SOLIDS REFINERY BULK	A GENERAL STORAGE	CM, DT

EPA HAZARD CODES

K050

SAFETY INFORMATION

<u>HMIS Information</u>	<u>Description</u>
HEALTH	2 - MODERATE HAZARD
FLAMMABLE	1 - SLIGHT HAZARD
REACTIVE	0 - MINIMAL HAZARD
PPE	J2 - OV SUPER CART-NEOPRENE
* = Carcinogen	
@ = Water Reactive	

COMMENTS**Type Text**

ER EMERGENCY RESPONSE TO A HAZARDOUS SOLID. PPE=K6

PE TYVEK SUIT

ER - EMERGENCY RESPONSE

PE - PROTECTIVE EQUIPMENT

TRANSPORTATION INFORMATION**Shipping Description:** NA3077,HAZARDOUS WASTE, SOLID, N.O.S.,9,PGIII,(PETROLEUM),ERG#171**HERITAGE-WTI SURVEY RESPONSES**

<u>Question</u>	<u>Reply</u>	<u>Question</u>	<u>Reply</u>
Asbestos	NO	Dioxins, Furans, or pre-cursors	NO
Explosive	NO	Gas	NO
Infectious Agents	NO	Radioactive	NO
Is this a dust hazard ?	NO	Air Reactive	NO
Water Reactive	NO	Carcinogen	NO
Lab Pack	NO	Oxidizer	NO
PCBs ? (If Yes, specify range)	NO	Pyrophoric	NO
Shock Sensitive	NO	Strong Odor	NO
Does WS Contain Benzene?	NO	Does WS Contain Water>=10%	YES
Is WS subject to control requirements of 40CFR61.340 to 61.358 ?	NOT APPLICABLE	If this is a liquid are there multiple layers ?	NO
Is the waste pumpable ?	NO	Will heat improve the flow ?	NO
Will solids pass through a 1/8-inch screen ?	NO	Flash Point	NA
Boiling Point	NA	pH	NA
BTU/lb	<3000	Miscellaneous Special Waste	NO

CHEMICAL CONSTITUENTS

Using specific chemical names, list all constituents present in the wastestream. Attach available analyses or Material Safety Data Sheets (MSDSs). Total composition must equal or exceed 100%.

TYPE - GENERATOR

<u>Constituents</u>	<u>Range</u>	<u>Units</u>	<u>CAS#</u>	<u>EHS</u>
FREE LIQUID RANGE	20 - 20	PERCENT		
PPE	0 - 1	PERCENT		
SOLIDS: DIRT, GRIT, SCALE	12 - 85	PERCENT		
VIRGIN PETROLEUM PRODUCTS	1 - 3	PERCENT		
WATER	15 - 88	PERCENT	7732-18-5	

EHS - Extremely Hazardous Substance

CAS - Chemical Abstracts Service

CERTIFICATION

I hereby certify that all information submitted herein and attached contains true, accurate and complete descriptions of this waste. Any sample submitted for analysis is representative of the waste material being offered for approval as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize a sample to be obtained from any waste shipment for purposes of recertification. I will provide advance notice if the generator status or any other information on this form changes. Waste quantity information is a best estimate, and is not used as a limitation for receipt of waste shipments or quantities in excess of these estimated amounts. I have reviewed the physical facilities, administrative practices, and operational procedures (or have directed the completion of such a review) and based on this review do willingly make this certification.

Signature (Print) Judy BrackinSignature (Sign) Signature on file Date 6-6-11

Company

Title



**HERITAGE ENVIRONMENTAL SERVICES, LLC
WASTESTREAM SURVEY FORM
(877)436-8778**

www.heritage-enviro.com

Please review instructions before completing this form.

Heritage Use Only	
Quote #:	WS#:
Business Type: Repeatable: <input type="checkbox"/> Non-Repeatable: <input type="checkbox"/>	
Product Code:	Price:

Preferred TSD Location *:	Charlotte, NC <input type="checkbox"/>	Coolidge, AZ <input type="checkbox"/>	Indianapolis, IN <input type="checkbox"/>	Kansas City, MO <input type="checkbox"/>	Roachdale, IN: Hazardous Landfill <input type="checkbox"/> Non-Hazardous Landfill <input type="checkbox"/>	VRAWTI <input type="checkbox"/>
Service Location *:	Albany, NY <input type="checkbox"/>	Blaine, MN <input type="checkbox"/>	East Liverpool, OH <input type="checkbox"/>	Hammond, IN <input type="checkbox"/>	Lemont, IL <input type="checkbox"/>	
	Louisville, KY <input type="checkbox"/>	Signal Hill, CA <input type="checkbox"/>	St. Louis, MO <input type="checkbox"/>	Toledo, OH <input type="checkbox"/>	Tulsa, OK <input type="checkbox"/>	

1. GENERATOR INFORMATION (Heritage#) *	
Generator Name	Sunoco, Inc (R&M)
Address	3144 Passyunk Ave
City, State, Zip	Philadelphia, PA 19145
Tech. Contact Name	Judy S. Brackin
Phone	215-339-2634 Fax 866-302-2147
24 Hour Emergency Number	800-468-1760
E-mail Address	jsbrackin@sunocoinc.com
US EPA ID Number	PAD049791098
State ID Numbers	
Status	LQG <input checked="" type="checkbox"/> SQG <input type="checkbox"/> CESQG <input type="checkbox"/> Non-hazardous <input type="checkbox"/>

2. BILLING INFORMATION (Heritage #) *	
Customer Name	Sunoco, Inc. (R&M)
Address	3144 Passyunk Ave.
City, State, Zip	Philadelphia, PA 19145
Contact Name	Nick Di Joseph
Phone	215-339-7012 Fax 866-648-1767
E-mail Address	
3. MANIFEST MAIL ADDRESS (If different from generator)	
Contact Name	Judy Brackin
Company Name	Sunoco Inc. (R&M)
Address	3144 Passyunk Ave.
City, State, Zip	Philadelphia, PA 19145

4. Generator SIC Code 2911	If 3312, do you perform Coke Oven Byproduct Recovery Operations? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If 28__, 2911, 3312, or 4953, what is the Total Annual Benzene (TAB) in Megagrams/year? 147
5. Common Name Petroleum refinery heat exchanger bundle sludge		
6. Process Generating Waste petroleum refinery heat exchanger bundles		
7. DOT Description * (if available) NA3077, Hazardous Waste, Solid N.O.S., (K050), 9, PGIII		
8.	Identify US EPA waste codes K050	
9.	If D001-D043, are any Underlying Hazardous Constituents (UHCs) present? Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> If yes, list in Section 13.	
10.	If F001-F005, or F039, list the F-listed hazardous constituents in Section 13.	
11.	US EPA Form Code *	US EPA Source Code *
12.	Identify state waste codes	

13. Waste Composition: Using specific chemical names and/or descriptions of waste composition, list all constituents present in the wastestream, and identify those that are underlying hazardous constituents (UHCs), or F001-F005/F039 hazardous constituents. Attach available analysis or MSDSs. Total composition must equal or exceed 100%.

Constituents	Range	Units	UHC?	F-Listed?
Solids - dirt, grit, scale	65-85	%	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Virgin petroleum products	1-3	%	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Water	15-25	%	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
At times may contain PPE	<1	%	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
		%	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
			Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
			Yes <input type="checkbox"/>	Yes <input type="checkbox"/>

14.	Color	Black-Brown	Appearance	Soil-like	Odor	Slight
15.	15a. Chemical Properties			15b. Physical Properties at 70°F		
	Flash	< 73 <input type="checkbox"/>	BTU/lb	< 2,000 <input type="checkbox"/>	Solid	<input checked="" type="checkbox"/>
	Point (F°)	< 100 <input type="checkbox"/>		2,000-6,000 <input checked="" type="checkbox"/>	Liquid	<input type="checkbox"/>
		100-140 <input type="checkbox"/>		6,000-10,000 <input type="checkbox"/>	Sludge	<input type="checkbox"/>
		141-200 <input type="checkbox"/>		> 10,000 <input type="checkbox"/>	Semi-solid	<input type="checkbox"/>
		> 200 <input type="checkbox"/>			Powder	<input type="checkbox"/>
					Gas	<input type="checkbox"/>
	Boiling	< 100 <input type="checkbox"/>	pH		% Solids	80
	Point (F°)	> 100 <input type="checkbox"/>	Range		% Liquids	20
Note: * These sections will be completed by Heritage if left blank.						

Common Name (same as Item #5): Petroleum refinery heat exchanger bundle sludge

16. Check all that apply. Marking any of these may require additional documentation or follow-up information.			
16a. <input type="checkbox"/> Aerosols <input type="checkbox"/> Metal Powders <input type="checkbox"/> <input type="checkbox"/> Air Reactive <input type="checkbox"/> Oxidizer <input type="checkbox"/> <input type="checkbox"/> Ammonia <input type="checkbox"/> Pathogen <input type="checkbox"/> <input type="checkbox"/> Asbestos <input type="checkbox"/> Pesticide <input type="checkbox"/> <input type="checkbox"/> Autoignitable <input type="checkbox"/> Polymerizable <input type="checkbox"/> <input type="checkbox"/> Biological <input type="checkbox"/> Pyrophoric <input type="checkbox"/> <input type="checkbox"/> Carcinogen <input type="checkbox"/> Radioactive <input type="checkbox"/> <input type="checkbox"/> Chelating Agent <input type="checkbox"/> Sanitary <input type="checkbox"/> <input type="checkbox"/> Compressed Gas <input type="checkbox"/> Sharps <input type="checkbox"/> <input type="checkbox"/> Dioxins <input type="checkbox"/> Shock Sensitive <input type="checkbox"/> <input type="checkbox"/> Etiological <input type="checkbox"/> Spontaneously <input type="checkbox"/> <input type="checkbox"/> Explosive <input type="checkbox"/> Combustible <input type="checkbox"/> <input type="checkbox"/> Herbicide <input type="checkbox"/> Sulfide <input type="checkbox"/> <input type="checkbox"/> Infectious <input type="checkbox"/> Temperature <input type="checkbox"/> <input type="checkbox"/> Insecticide <input type="checkbox"/> Control Required <input type="checkbox"/> <input type="checkbox"/> Lab Pack <input type="checkbox"/> Temperature <input type="checkbox"/> <input type="checkbox"/> Medical <input type="checkbox"/> Sensitive <input type="checkbox"/> <input type="checkbox"/> Metal Fines <input type="checkbox"/> Water Reactive <input type="checkbox"/>		16b. Used oil? (per 40 CFR 279) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Used oil mixed with hazardous waste? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Total Halogens (TX) concentration? < 1000 PPM <input checked="" type="checkbox"/> > 1000 PPM <input type="checkbox"/> 16d. Does this material require any special handling? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, explain: _____	
		16c. PCBs? (per 40 CFR 761) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, PCB concentration? < 50 PPM <input type="checkbox"/> > 50 PPM <input type="checkbox"/> Greater than 50 PPM source? Yes <input type="checkbox"/> No <input type="checkbox"/>	
16e. Volatile Organic Compound > 500 PPM? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Subject to Subpart CC? (per 40 CFR 265.1080-1091) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		16f. Do any exclusions/exemptions apply? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, note the exclusion/exemption: _____	
16g. Generated from electroplating process? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		16h. Additional Comments: _____	

17. Transporter: Heritage Transport <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Complete below)	18. Packaging:	Size:	19. Volume:
	Transporter Name <u>SJ Transportation</u> Address _____ City, State, Zip _____ Contact/Phone _____ US EPA ID No. _____	Bulk Liquid <input type="checkbox"/> Bulk Solid <input type="checkbox"/> Cu Yd Bag/Box <input checked="" type="checkbox"/> Cylinder <input type="checkbox"/> Drum <input type="checkbox"/> Tote (Metal) <input type="checkbox"/> Tote (Poly) <input type="checkbox"/>	<u>20-30</u> _____ _____ _____ _____

20. Check or List Attachments: Lab Data <input type="checkbox"/> MSDS <input type="checkbox"/> Cylinder Form <input type="checkbox"/> Packing List <input type="checkbox"/> Other (list) <input type="checkbox"/>
21. CERTIFICATION Sign and date the certification.

I hereby certify that I am an authorized agent of the generator, and warrant on behalf of the generator, that all information submitted herein and attached documentation contains true, accurate and complete descriptions of this material. Any sample submitted for analysis is representative of the material being offered for approval. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I will notify Heritage Environmental Services, LLC or Von Roll America, Inc. of any changes in generator status, any information on this form, or any information on the attachments. This certification and signature apply to this form, to all attachments checked in section 20, and to the land disposal restriction notification (LDR) generated from this information.

Signature: John S. Brackin Printed Name: John S. Brackin Date: 6/6/11 Company: Snoco, Inc. (Rtm)

22. COMPLETE THIS SECTION FOR NON-HAZARDOUS MATERIAL BEING MANAGED TO A NON-HAZARDOUS PROCESS (EXAMPLE: SUBTITLE D LANDFILL or MASS-BURN)			
22a. Does this waste exhibit the chemical characterization of an oxidizer? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
22b. Is this waste a listed waste? (U, P, K, or F codes) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22c. This waste is not characteristically hazardous for D001-D043 based on attached lab data (mark LD), attached MSDS (mark MSDS), or generator knowledge (mark GK).	
D001 (Ignitability)	TCLP VOLATILES	TCLP SEMI-VOLATILES	D038 Pyridine
D002 (Corrosivity)	D018 Benzene	D023 o-Cresol	D041 2,4,5-Trichlorophenol
D003 (Reactivity)	D019 Carbon Tetrachloride	D024 m-Cresol	D042 2,4,6-Trichlorophenol
	D021 Chlorobenzene	D025 p-Cresol	HERBICIDES & PESTICIDES
TCLP METALS	D022 Chloroform	D026 Cresol	D012 Endrin
D004 Arsenic	D028 1,2-Dichloroethane	D027 1,4-Dichlorobenzene	D013 Lindane
D005 Barium	D029 1,1-Dichloroethylene	D030 2,4-Dinitrotoluene	D014 Methoxychlor
D006 Cadmium	D035 Methyl Ethyl Ketone	D032 Hexachlorobenzene	D015 Toxaphene
D007 Chromium	D039 Tetrachloroethylene	D033 Hexachlorobutadiene	D018 2,4-D
D008 Lead	D040 Trichloroethylene	D034 Hexachloroethane	D017 2,4,5-TP (Silvex)
D009 Mercury	D043 Vinyl Chloride	D036 Nitrobenzene	D020 Chlordane
D010 Selenium		D037 Pentachlorophenol	D031 Heptachlor
D011 Silver			

Higgins, John

From: Leonards, Mary Linn
Sent: Tuesday, June 07, 2011 9:07 AM
To: Higgins, John
Subject: FW: Profiles
Importance: High
Attachments: Heritage F037 Profile 6-6-11.pdf, Heritage K050 Waste Profile 6-6-11.pdf, Heritage K051 Waste Profile 6-6-11.pdf

JT,

See attached profiles. I don't know if the sample I gave you for the K050 bundle solids correctly matches this profile. I have another one here that is similar so I'm not sure but the API separator material is the K051 profile and the F037 profile goes with the material marked F037 on the top. Don't submit the K050 one just yet until I confirm that it indeed is correct. You can submit the other two though. I need them pushed through as quickly as possible if you can.

Thanks.

ML

Mary Linn Leonards
 Managing Eastern PA, NJ, DE, and MD
 Heritage Environmental Services, LLC
 Phone: 215.606.7880
 Fax: 484.991.8652

PI: Limit
 Scheduling to
 3 boxes per
 week

From: BRACKIN, JUDY S [mailto:JSBRACKIN@si
Sent: Monday, June 06, 2011 5:34 PM
To: Leonards, Mary Linn
Cc: DIJOSEPH, NICHOLAS W
Subject: RE: Profiles

Mary Linn,

Attached are the waste profiles for F037 (Primar

Let me know if you have any questions.

Thanks,

Judy

PB Bio
 on Sample

'I Separator Sludge).

Judy S. Brackin
 Sr. Environmental Consultant
 Sunoco, Inc. (R&M) Philadelphia Refinery
 3144 Passyunk Ave.
 Philadelphia, PA 19145
 215-339-2634
 Fax 866-302-2147
 jsbrackin@sunocoinc.com

6/7/2011

NEW WASTESTREAM INFO SHEET

Waste Stream #

96406-4

WASTE CLASS <u>000</u> SOURCE CODE <u>G19</u> FORM CODE <u>W319</u>		Benzene NESHAP? <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> NS <input type="radio"/> WA <input type="radio"/> NA Benzene NESHAP form? <input type="radio"/> Y <input type="radio"/> N		Sample % <u>10</u> HMIS Information Health <u>2</u> Flammable <u>1</u> Reactive <u>0</u> PPE <u>22</u>	
LDR Req? <input checked="" type="radio"/> PR <input type="radio"/> OT <input type="radio"/> D <input type="radio"/> NA <input type="radio"/> IP		LDR WWT: <input checked="" type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> NA		LDR Cert: <input checked="" type="radio"/> I <input type="radio"/> _____	
Subcategory: <u>-1</u>		UTS Code: <u>-1</u>			
Con Ranges:					
Aluminum		Chlorine		Nitrogen	
Antimony		Chromium		Phosphorus	
Arsenic		Fluorine		Potassium	
Ash		Iodine		Selenium	
Barium		Lead		Silicon	
Beryllium		Lithium		Silver	
Bromine		Magnesium		Sodium	
Cadmium		Mercury		Sulfur	
Calcium		Nickel		Thallium	
Emergency Response Info: <u>Type ER to a hazardous solid</u> <u>PPG=K6</u>					
Processing Instructions:			Agency Comments:		
Normal Processing			Dilution Rule:		
This material needs packed in _____ lb charges and will be processed through the front wall of the kiln.			This material is not prohibited from combustion as per 40 CFR 268.3 because:		
This material will be processed through the front wall of the kiln and cannot be processed through the bulk solids storage area.			_____ it contains hazardous organic constituents or cyanide above the treatment standard in 268.48		
This material will be processed through Direct Drum Pumpout			_____ it consists of organic debris		
This material will be processed through Direct Tanker (South/East).			_____ it has a BTU value of greater than or equal to 5000 BTU/LB		
This material will be processed through the Skip Hoist and cannot be processed through the bulk solid storage area.			_____ it was co-generated with a waste for which combustion is a required method of treatment		
This material needs packaged in 5 gallon pails filled to half the volume or a maximum of five 1-gallon containers per overpack. This will be processed through the front wall of the kiln.			_____ it is subject to Federal and/or State requirements necessitating reduction of organics		
The material will be processed through the Third-Party Program.			_____ it contains greater than 1% of TOC		
The material will be processed through the Fuels Program.			Conditional Approval:		
Heritage-WTI Repack? <input checked="" type="radio"/> Y <input type="radio"/> N			Heritage-WTI is requesting conditional approval to collect the Pre-Acceptance when the first shipment is received at the facility.		
Temperature Controlled Information: The kiln must be operational to receive this material. This material requires special scheduling.			3 rd Party Pre-acceptance Pre-acceptance sample to be taken when 1 st shipment arrives at the facility. 3 rd Party Waste Transfer Only		
Label Message: DNO NSR DNI DO NOT INCIN			Internal Comments: 10-day sampling? <input type="radio"/> Y <input type="radio"/> N		
MSW? <input checked="" type="radio"/> Y <input type="radio"/> N 1A 1B 1C 1D 1E 2A 2B 2C 3A 3B		BTU 1 2 3 4 <u>use analytical</u> Automatic Hold: <input type="radio"/> Y <input type="radio"/> N Message: _____		Prod / Proc Codes: <u>8034</u> <u>2281</u>	

Higgins, John

From: Leonards, Mary Linn
Sent: Tuesday, June 07, 2011 10:34 PM
To: Higgins, John
Subject: Fw: Profiles

Managing Eastern PA,NJ, MD,DC and DE
P. 215.606.7880

From: BRACKIN, JUDY S [mailto:JSBRACKIN@sunocoInc.com]
Sent: Tuesday, June 07, 2011 05:25 PM
To: Leonards, Mary Linn
Subject: RE: Profiles

Mary Linn,

Most of the material is general dirt and solids that would enter the sewer system. The scale would be normal hard water type of scale and rust and the grit would be solids or natural grit that is typically present in crude oil. These 3 wastes are typical refinery listed wastes and are expected to have the make up of typical petroleum refinery primary wastewater sludge, heat exchanger bundle sludge and API oil/water separator sludge.

Judy S. Brackin
Sr. Environmental Consultant
Sunoco, Inc. (R&M) Philadelphia Refinery
3144 Passyunk Ave.
Philadelphia, PA 19145
215-339-2634
Fax 866-302-2147
jsbrackin@sunocoInc.com

From: Leonards, Mary Linn [mailto:Marylenn.Leonards@heritage-enviro.com]
Sent: Tuesday, June 07, 2011 9:44 AM
To: BRACKIN, JUDY S
Cc: DIJOSEPH, NICHOLAS W
Subject: RE: Profiles

Hi Judy,
Approvals is asking what the grit and scale material is on the profiles.

Mary Linn Leonards
Managing Eastern PA, NJ, DE, and MD
Heritage Environmental Services, LLC
Phone: 215.606.7880
Fax: 484.991.8652

From: BRACKIN, JUDY S [mailto:JSBRACKIN@sunocoInc.com]
Sent: Monday, June 06, 2011 5:34 PM
To: Leonards, Mary Linn
Cc: DIJOSEPH, NICHOLAS W
Subject: RE: Profiles

Mary Linn,

6/8/2011

Attached are the waste profiles for F037 (Primary Sludge), K050 (Bundle Sludge), and K051 (API Separator Sludge).

Let me know if you have any questions.

Thanks,

Judy

Judy S. Brackin
Sr. Environmental Consultant
Sunoco, Inc. (R&M) Philadelphia Refinery
3144 Passyunk Ave.
Philadelphia, PA 19145
215-339-2634
Fax 866-302-2147
jsbrackin@sunocoinc.com

From: Leonards, Mary Linn [mailto:Marylinn.Leonards@heritage-enviro.com]
Sent: Monday, June 06, 2011 12:30 PM
To: BRACKIN, JUDY S
Subject: Re: Profiles

No problem. Thank you!
Managing Eastern PA,NJ, MD,DC and DE
P. 215.606.7880

From: BRACKIN, JUDY S [mailto:JSBRACKIN@sunocoinc.com]
Sent: Monday, June 06, 2011 12:28 PM
To: Leonards, Mary Linn
Subject: RE: Profiles

Mary Linn,

I found a copy of the blank profile form and am filling them out this afternoon. I have a couple of meetings this afternoon but should get them to you by the end of today

Thanks,

Judy

Judy S. Brackin
Sr. Environmental Consultant
Sunoco, Inc. (R&M) Philadelphia Refinery
3144 Passyunk Ave.
Philadelphia, PA 19145
215-339-2634
Fax 866-302-2147
jsbrackin@sunocoinc.com

From: Leonards, Mary Linn [mailto:Marylinn.Leonards@heritage-enviro.com]
Sent: Monday, June 06, 2011 12:25 PM
To: BRACKIN, JUDY S
Subject: Re: Profiles

Hi Judy
Hope you had a great weekend!

6/8/2011

Just checking in on the profiles. Let me know if you need some assistance.

Regards ML

Managing Eastern PA, NJ, MD, DC and DE

P. 215.606.7880

From: Leonards, Mary Linn

Sent: Thursday, May 26, 2011 02:56 PM

To: BRACKIN, JUDY S <JSBRACKIN@sunocoilnc.com>

Subject: Profiles

Hi Judy,

Just checking in to see if you had a chance to complete the profiles for the F037 material, API and Bundle solids material. The samples will be at the lab tomorrow.

Thanks!

ML

Mary Linn Leonards

Managing Eastern PA, NJ, DE, and MD

Heritage Environmental Services, LLC

Phone: 215.606.7880

Fax: 484.991.8652

6/8/2011



HERITAGE-WTI, INC.
1250 St. George Street
East Liverpool, Ohio 43920-3400
Phone: 330-385-7337
Fax: 330-385-7813
Web Site: www.heritage-wti.com

OHSAS 18001: 2007
ISO 14001: 2004
ISO 9001: 2008

June 22, 2011

Sunoco Incorporated Refinery
3144 Passyunk Avenue
Philadelphia, PA 19145

RE: Generator ID Number: PAD049791098
Waste Profile: 96406-16
Waste Name: PETROLEUM REFINERY HEAT EXCHAN

Dear Judy Brackin

HES-WTI is providing you this written notice in accordance with 40 CFR 264.12(b) and OAC 3745-54-12(B). Under these regulations, the owner and operator of a treatment, storage, and disposal facility (TSDF) that receives hazardous waste from an off-site generator must inform the generator, in writing, that they have the appropriate permits and will accept the waste that the generator is shipping.

Heritage coordinated the approval of wastestream 96406-16 into our facility. HES-WTI has the appropriate permits and will accept wastestream 96406-16.

This waste will be treated on-site at HES-WTI's East Liverpool, Ohio facility.

Sincerely,

A handwritten signature in cursive script that reads 'Zambia Logero'.

Zambia Logero
Waste Approval Manager
Heritage

